

# Converting Colors

Hex(29441C)

Have a look what the booklet for  
Hex(29441C) contains.

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# Color

Hex(29441C)

# Conversions

## Conversions Part 1

Format	Color
Hex	29441C
RGB	41, 68, 28
RGB Percent	16%, 27%, 11%
CMY	0.8392, 0.7333, 0.8902
CMYK	0.40, 0.00, 0.59, 0.73
HSL	100°, 42%, 19%
HSV	100°, 59%, 27%
XYZ	3.1912, 4.6895, 1.8356
YIQ	55.3670, -3.2520, -18.1640

# Conversions

## Conversions Part 2

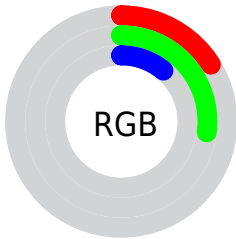
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 68, 55
Decimal	2704412
CIE <sub>Lab</sub>	25.83, -19.00, 20.84
CIE <sub>LCh</sub>	26, 28.204, 132.362
Yxy	4.6895, 0.3284, 0.4826
Android (android.graphics.Color)	4280894492 (0xFF29441C)
YUV	55.3670, -13.4919, -12.5999
Hunter-Lab	21.6553, -11.5925, 10.1330

# Details

The Hex color **29441C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **371C44**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **587449**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **244415**, and if you desaturate by 10%, it is **2E4423**.

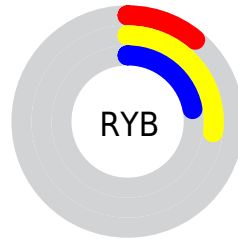
# Distribution



Red (16%)

Green (27%)

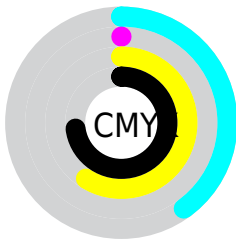
Blue (11%)



Red (11%)

Yellow (27%)

Blue (22%)

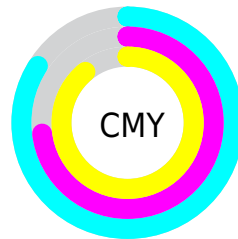


Cyan (40%)

Magenta (0%)

Yellow (59%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29441C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 29441C by changing the saturation by 10% instead.





29441C



29441C

FFFFFF



132E04



587449



001B00



718E61



000000



8BA97A



A6C494



C1E0AF



DDFDCA



FAFFE6



29441C



29441C

■ 244415

■ 2E4423

■ 20440E

■ 32442A

■ 1B4408

■ 374430

■ 174401

■ 3B4437

■ 164400

■ 40443E

■ 454445

■ 49444C

■ 4E4452

■ 524459

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



413F11



29441C



00472F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29441C



004366



652A35

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29441C



371C44

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5E2C4B



29441C



273C67

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29441C



004759



4A345D



612F21

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29441C



00483E



4A345D



642A3C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29441C



4E5949



44371C



272E24



ADADAD



2E2E2E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29441C



2E591A



1C4423



1F211E



1F6100



49E000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



371C44



451A59



441C3D



201E21



410061

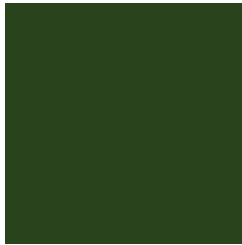


9700E0



# Previews

## White Background



This preview shows how the Hex color 29441C looks on a white background.

## Color Contrast Check

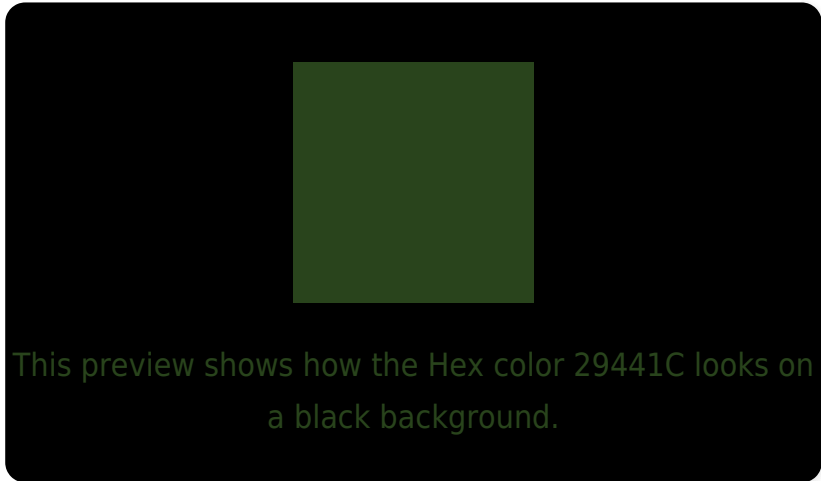
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

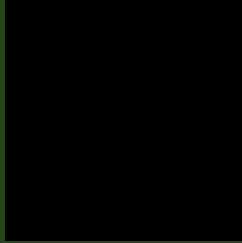
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29441C Background



This preview shows how black text looks on a background with the Hex color 29441C.



This preview shows how white text looks on a background with the Hex color 29441C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
29441C

**Protanopia**  
443D1A

**Deuteranopia**  
4B3A1F



**Tritanopia**  
304045

# Trichromacy



**Original Color**  
29441C

**Protanomaly**  
3A401B

**Deuteranomaly**  
3F3E1E

**Tritanomaly**  
2D4136

# Monochromacy



**Original Color**  
29441C

**Achromatopsia**  
373737

**Achromatomaly**  
323C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29441C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #29441C looks like.

```
.text, #text, p{  
    color:#29441C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #29441C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29441C
}
```

## Border

The CSS property to change the border of an element to Hex 29441C is called "border". The border property can be set on classes, ids or directly on the HTML element.

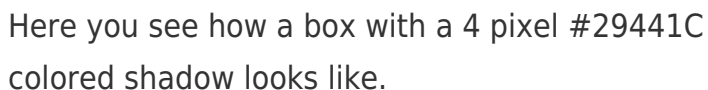
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29441C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#29441C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #29441C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29441C; -webkit-box-shadow:4px 4px  
4px 4px #29441C; box-shadow:4px 4px 4px  
4px #29441C }
```

# Background

The CSS property to change the background color of an element to Hex 29441C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29441C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#29441C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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